

FOR INDEX OF SHEETS SEE SHEET 1A

THIS PROJECT WAS DEVELOPED UTILIZING THE DEPARTMENT'S ENGINEERING  
DESIGN PACKAGE (GEOPAK).  
GEOPAK Computer Identification No. 77302



COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED  
STATE HIGHWAY  
BOTETOURT COUNTY  
ROUTE 11 (LEE HIGHWAY) OVER TINKER CREEK  
FROM: ROUTE 838  
TO: 0.09 MILES NORTH OF ROUTE 838

FHWA 534 DATA 2E111

STATE	FEDERAL AID	ROUTE	STATE	SHEET NO.
	PROJECT		PROJECT	
V.A.	(SEE TABULATION BELOW FOR SECTION NUMBERS)	11	(INFO) 0011 - 011 - 110 (SEE TABULATION BELOW FOR SECTION NUMBERS)	1

FUNCTIONAL CLASSIFICATION AND TRAFFIC DATA	
URBAN PRINCIPAL ARTERIAL (GS-5) - ROLLING - 50 mph DESIGN SPEED	
	Fr: ROUTE 838 (VISTA DRIVE) To: 0.09 MILES NORTH OF ROUTE 838 (VISTA DRIVE)
ADT	11,429 (2014)
ADT	12,858 (2038)
DHV	1,144
D (%) (design hour)	57(N)/43(S)
T (%) (design hour)	Daily 4.8/Peak 10.2
V (MPH)	50

CONVENTIONAL SIGNS

STATE LINE	
COUNTY LINE	
CITY, TOWN OR VILLAGE	
RIGHT OF WAY LINE	
FENCE LINE	
UNFENCED PROPERTY LINE	
FENCED PROPERTY LINE	
WATER LINE	
SANITARY SEWER LINE	
GAS LINE	
ELECTRIC UNDERGROUND CABLE	
TRAVELED WAY	
GUARD RAIL	
RETAINING WALL	
RAILROADS	
BASE OR SURVEY LINE	

LEVEE OR EMBANKMENT	
BRIDGES	
CULVERTS	
DROP INLET	
POWER POLES	
TELEPHONE OR TELEGRAPH POLES	
TELEPHONE OR TELEGRAPH LINES	
HEDGE	
TREES	
HEAVY WOODS	
GROUND ELEVATION	
GRADE ELEVATION	

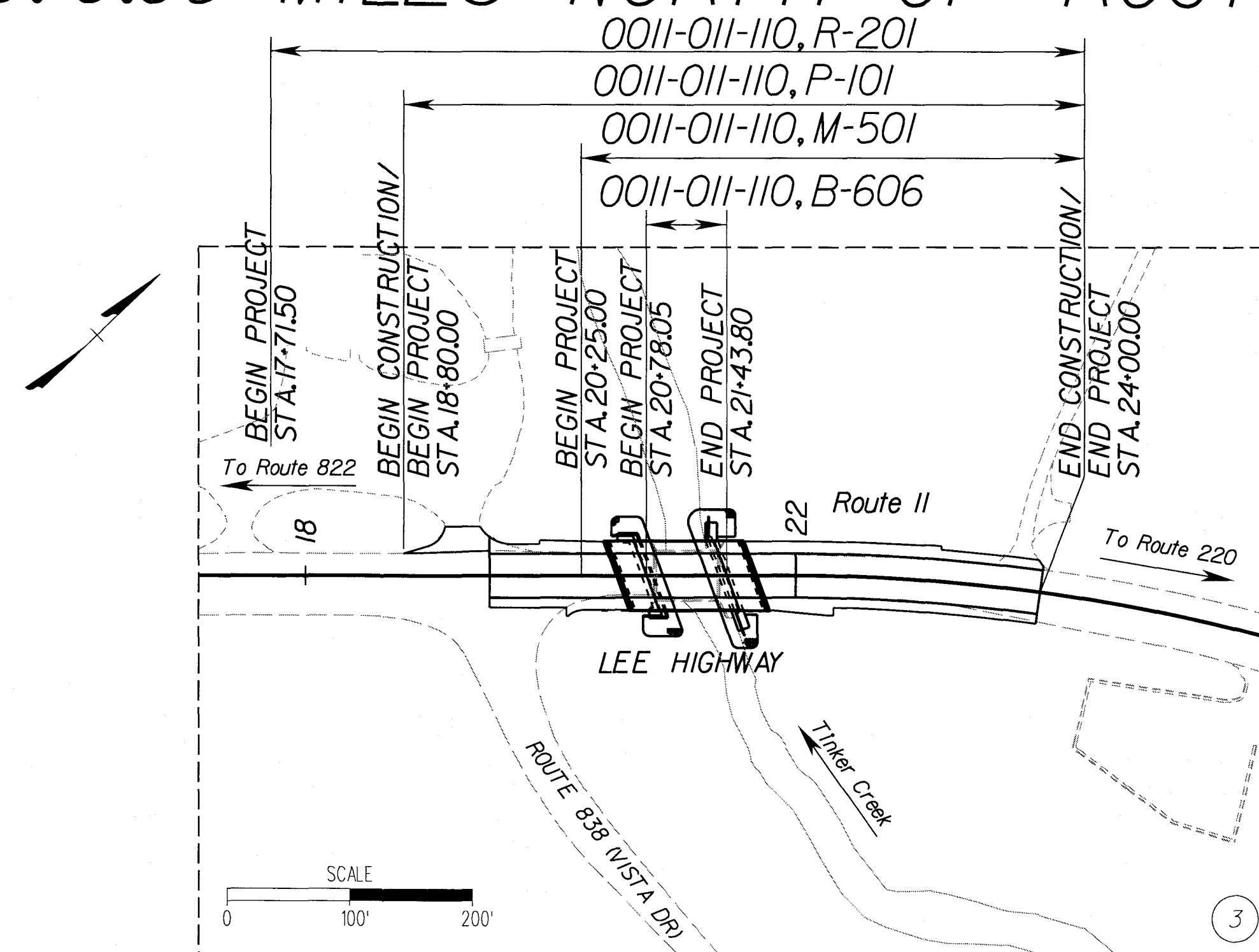
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DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT'S 2016 ROAD AND BRIDGE SPECIFICATIONS, 2016 ROAD AND BRIDGE STANDARDS, 2009 MUTCD, 2011 VIRGINIA SUPPLEMENT TO THE MUTCD (REVISION 1), 2011 VIRGINIA WORK AREA PROTECTION MANUAL (REVISION 1) AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

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DESCRIPTION REFERENCE  
STA 19+50 CONST. BL  
INT. ROUTE 838 (VISTA DRIVE)

Botetourt County Population 33,154 (2012 Census estimate)

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	EQUALITIES	LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		BRIDGE PROJECT NO.	TYPE PROJECT	DESCRIPTION
					FEET	FEET	MILES	FEET	MILES			
0011-011-110	B-606	STP-5128(337)	X081	77302	NONE	66	0.0124	-	-	---	BRIDGE	Fr: 0.02 MILES NORTH OF ROUTE 838 To: 0.04 MILES NORTH OF ROUTE 838
	P-101	BR-011-21025	PENG	77302	NONE	520	0.0985	454	0.0860	---	PRELIMINARY ENGINEERING	Fr: 0.01 MILES SOUTH OF ROUTE 838 To: 0.09 MILES NORTH OF ROUTE 838
	M-501	STP-5128(337)	I000	77302	NONE	375	0.0710	309	0.0586	---	MINIMUM PLAN	Fr: 0.01 MILES NORTH OF ROUTE 838 To: 0.09 MILES NORTH OF ROUTE 838
	R-201	NHPP-5128(350)	ROWA	77302	NONE	629	0.1190	563	0.1066	---	R.O.W.	Fr: 0.03 MILES SOUTH OF ROUTE 838 To: 0.09 MILES NORTH OF ROUTE 838

Project Lengths are based on Construction Baseline.

TIER 1 PROJECT

RECOMMENDED FOR APPROVAL  
FOR RIGHT OF WAY ACQUISITION

3/24/16	T. L. Ingle
DATE	DISTRICT PLANNING AND INVESTMENT MANAGER

3/24/16	T. W. DiGiulian
DATE	DISTRICT PROJECT DEVELOPMENT ENGINEER

APPROVED FOR RIGHT OF WAY ACQUISITION

3/24/16	Robert P. Williams for
DATE	DISTRICT ENGINEER

RECOMMENDED FOR APPROVAL  
FOR CONSTRUCTION

6/1/17	T. L. Ingle
DATE	DISTRICT PLANNING AND INVESTMENT MANAGER

6/1/17	T. W. DiGiulian
DATE	DISTRICT PROJECT DEVELOPMENT ENGINEER

APPROVED FOR CONSTRUCTION

6/1/17	K. H. King, Jr.
DATE	DISTRICT ENGINEER

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PROJECT  
0011-011-110

SHEET NO.  
1

CHARLES CRUSH  
AS-BUILT  
10-16-19

PROJECT MANAGER R. Edward Coker, P.E. - Salem, S&B (540) 387-5221  
SURVEYED BY and DATE COMPLETED Gary Brant, L.S. - Salem, L&D (540) 387-5227, August 23, 2011  
DESIGNED BY Brian G. Benda, P.E. - Awt Associates, Inc. (410) 321-8877  
SALEM DISTRICT DESIGN UNIT

WATERLINE  
Vdot Rt. 11 Bridge Ren.